

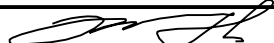
FLANGE PLATE FOR ARMS
THREE (3) GAUGE - 12"

FLANGE PLATE FOR ARMS
SEVEN (7) GAUGE - 8" DIA.
SEVEN (7) GAUGE - 9" DIA.
THREE (3) GAUGE - 10" DIA.

NOTES:

1. ALL FLANGE PLATES SHALL BE VERTICAL.
2. MAST ARMS WITH LENGTHS $\leq 50'$ SHALL HAVE A 3° RISE IN THE ARM ONLY.
3. MAST ARMS WITH LENGTHS $\geq 60'$ AND $\leq 70'$ SHALL HAVE A 4° RISE IN THE ARM ONLY
4. ARM RISES SHOULD BE FABRICATED WITHOUT DEAD LOAD DEFLECTION.
5. ARM PLATE AND POLE PLATE MATING SURFACES SHALL BE IN THE SAME PLANE TO WITHIN $1/16"$.

ARM SIZE: THICKNESS x BUTT DIAMETER	X	Y	T	P	P ₂	FLANGE BOLTS (ALL BOLTS SHALL HAVE A CLASS OF FIT RATING OF 2A/2B UNC)
SEVEN (7) GAUGE - 9" DIA.	14"	6 1/2"	1/4"	1 1/4"	2 1/2"	1 1/4" DIA. x 4" LENGTH SEVEN (7) THREADS / IN. WITH FLAT WASHER
THREE (3) GAUGE - 10" DIA.	14"	18"	1/4"	1 1/2"	3"	1 1/2" DIA. x 5" LENGTH SIX (6) THREADS / IN. WITH FLAT WASHER
THREE (3) GAUGE - 12 1/2" DIA.	13"	6 1/2"	3/8"	2"	2 1/2"	1 1/4" DIA. x 6 1/2" LENTH SIX (6) THREADS / IN. WITH FLAT WASHER

SPECIFICATION 818	CATEGORY CODE ITEMS										
APPROVED 	DIRECTOR - OFFICE OF TRAFFIC AND SAFETY										
SHA State Highway Administration	<table> <tr> <td>APPROVAL • SHA REVISIONS</td><td>APPROVAL • FEDERAL HIGHWAY ADMINISTRATION</td></tr> <tr> <td>APPROVAL 7-1-94</td><td>APPROVAL 7-1-94</td></tr> <tr> <td>REVISED 10-1-01</td><td>REVISED 2-1-01</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> </table>	APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION	APPROVAL 7-1-94	APPROVAL 7-1-94	REVISED 10-1-01	REVISED 2-1-01	REVISED	REVISED	REVISED	REVISED
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Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

MAST ARM FLANGE PLATES

STANDARD NO.

MD 818.12